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STATE DOCUMENTS

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ANNUAL REPORT
OF THE
STATE ELECTRICAL BOARD

TO THE
GOVERNOR OF MONTANA
HONORABLE FORREST H. ANDERSON

FOR THE
FISCAL YEAR ENDED
JUNE 30, 1970



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BENJAMIN W. HILLEY, PRESIDENT
GREAT FALLS

E. E. PALMQUIST, VICE PRESIDENT
HELENA

DONALD H. BRUNELL, SECRETARY-TREASURER
BUTTE



ROOM 323, WHEAT BUILDING
HELENA, MONTANA 59601
449-3404

STATE OF MONTANA
ELECTRICAL BOARD

The Honorable Forrest H. Anderson
Governor
State of Montana
Helena, Montana 59601

Dear Governor Anderson:

In accordance with the requirements of Section 82-4002, R.C.M. 1947, there is herewith transmitted to you the report of the State Electrical Board covering the fiscal year ended June 30, 1970.

The 1969-1970 fiscal year showed an increase in inspection activity, a closer check was made of unlicensed persons doing electrical work, reciprocal licensing was extended to neighboring states, and closer relationship with other inspection agencies established.

Respectfully submitted,


John V. Hale,
Director

JVH:mlc

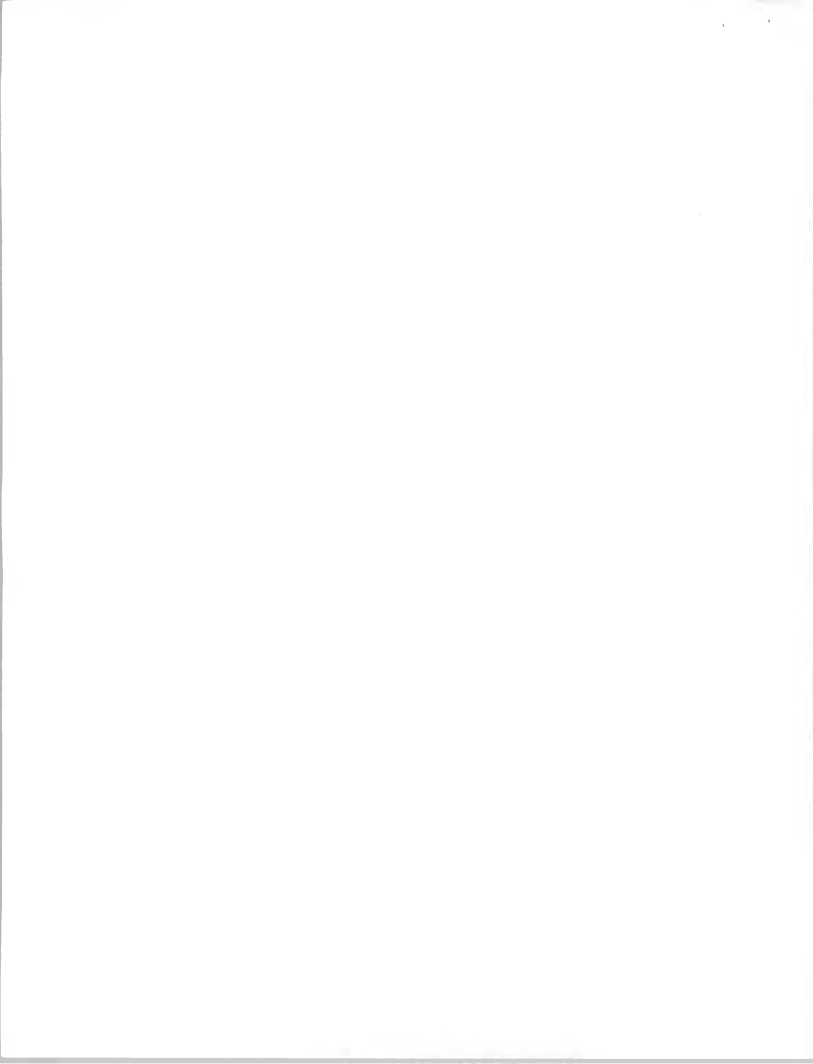
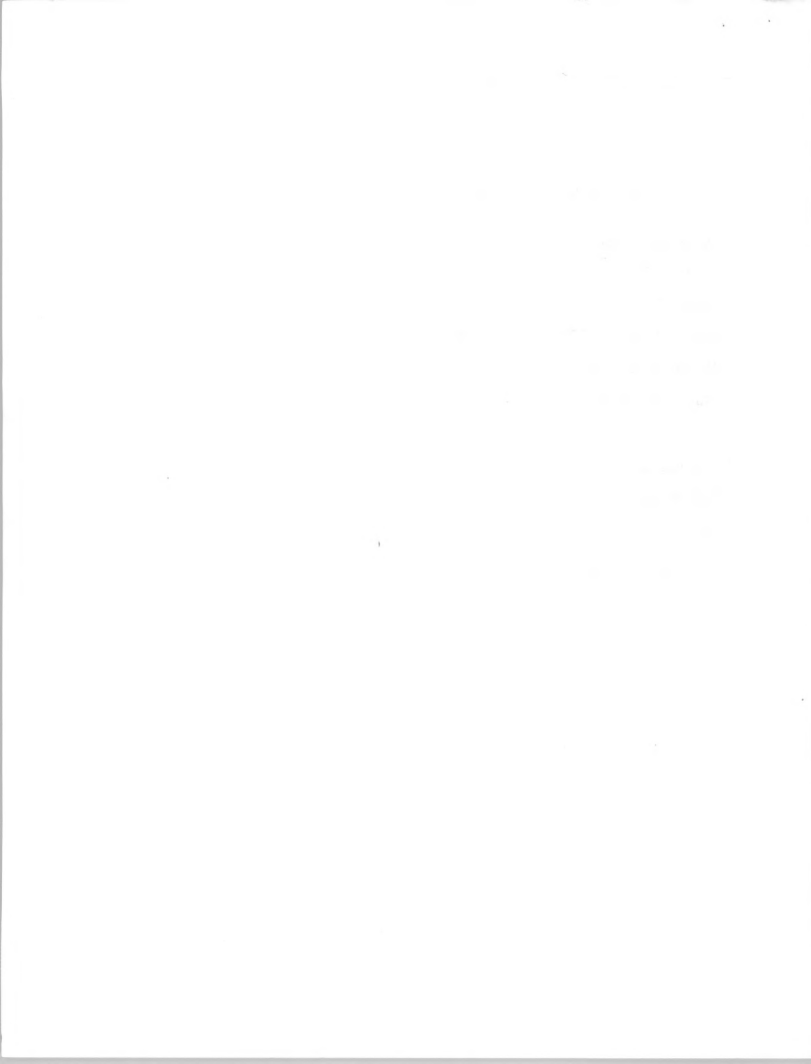


TABLE OF CONTENTS

	<u>PAGE</u>
PRINCIPAL OFFICERS & OFFICES.....	2
<u>GENERAL REVIEW:</u>	
LEGAL REFERENCES.....	3
PRINCIPAL GOALS.....	4
PROGRAM INVENTORY & COST SUMMARY.....	5
MAJOR ACCOMPLISHMENTS.....	6
MAJOR RECOMMENDATIONS.....	7
<u>DETAILED REVIEW:</u>	
FINANCIAL RECAP.....	8
ANALYSIS OF PROGRAMS.....	9
Services provided; Objectives; Target Groups; Achievements; and Cost & Performance Summary.	



PRINCIPAL OFFICES AND OFFICERS

STATE ELECTRICAL BOARD

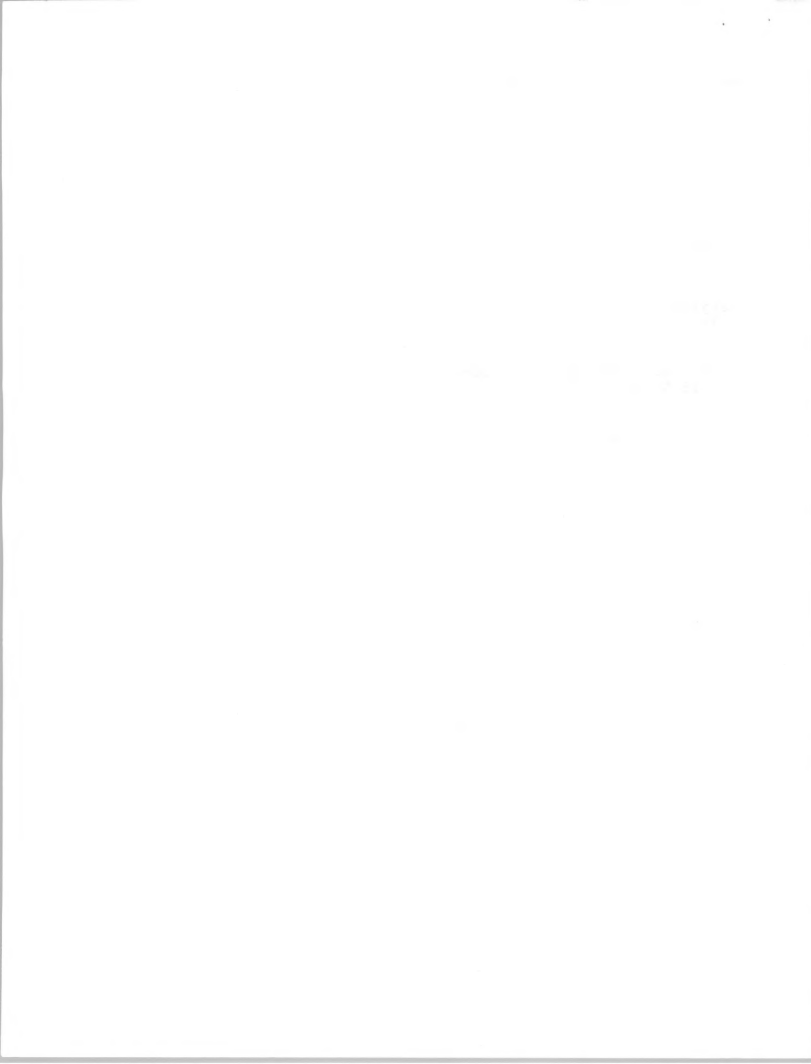
OFFICERS TERM OF OFFICE	HOME ADDRESS
Benjamin W. Hilley, President 7-1-70 to 6-30-73	3 Park Garden Estates, Great Falls
E. E. (Buzz) Palmquist, Vice-Pres. 2-15-69 to 6-30-71	630 Monroe, Helena
Donald H. Brunell, Secy.-Treasurer 7-1-69 to 6-30-72	725 W. Daly, Walkerville

PRINCIPAL ADMINISTRATIVE OFFICERS

JOHN V. HALE, DIRECTOR
MARY LOUISE CRAWFORD, SECRETARY

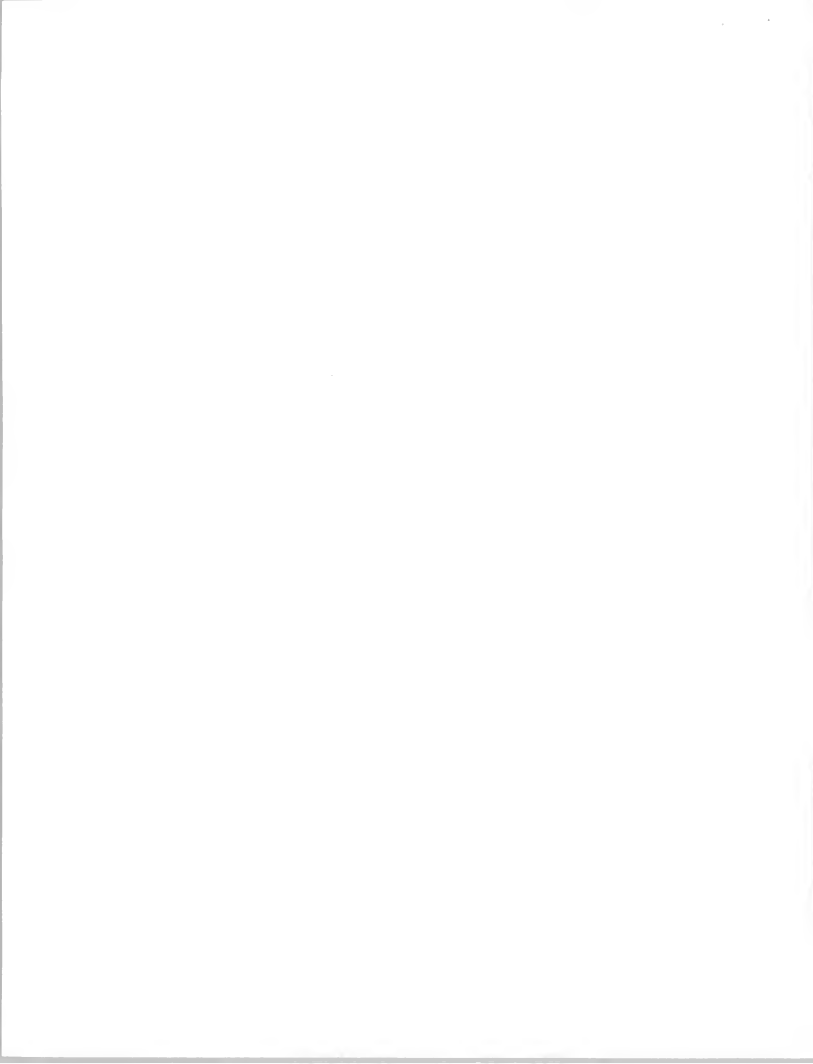
PRINCIPAL OFFICE

323 Wheat Bldg.
Helena



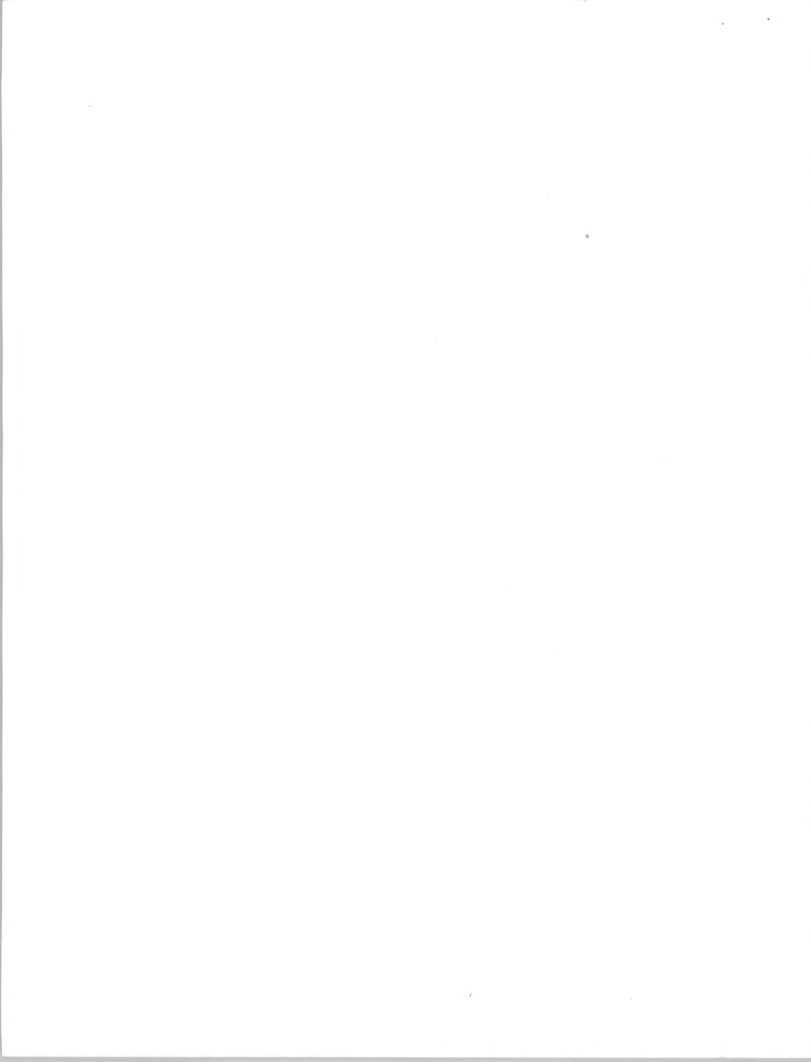
LEGAL REFERENCES

The statute relating to operations of the State Electrical Board appears in Sections 66-2801 through 66-2820, R.C.M. 1947, as amended by Section 1, Chapter No. 199, Montana Sessions Laws 1967, and Section 19, Chapter No. 366, Montana Sessions Laws 1969.



PRINCIPAL GOALS

The State Electrical Board exists to protect people and property in Montana from the danger of electrically caused hazards, to provide and enforce rules and regulations for safe electrical installations, to determine that persons making electrical installations are qualified by experience and examination, and to inspect electrical installations and equipment to insure their meeting the required safety standards.



PROGRAM INVENTORY AND COST SUMMARY

<u>PROGRAM</u>	<u>COST</u> <u>1969-1970 F.Y.</u>
Electrician Licensing and Regulation.....	\$ <u>92,467</u>
Total.....	\$ <u><u>92,467</u></u>



MAJOR ACCOMPLISHMENTS

ADMINISTRATION PROGRAM:

ACHIEVEMENTS. During the 1969-1970 fiscal year reciprocal licensing agreements with other states was expanded to include the States of South Dakota and Wyoming.

The current edition of the National Electrical Code was adopted as a basis for minimum electrical safety standards.

The City of Helena electrical inspection ordinance program reviewed and approved as submitted.

Representative of the Board appointed to State Building Code Council and cooperation extended to establish uniform statewide building construction standards.

Revisions to the Board's administrative rules, regulations and wiring standards being formulated for additions, deletions, definitions and clarification.

There were 5789 electrical inspection permits issued for electrical installations, there were 327 electrical contractor, 652 master electrician and 660 journeyman electrician licenses issued. Examinations were given to 69 new applicants.

MAJOR RECOMMENDATIONS

1. PROGRAM: ADMINISTRATION

REQUIRED IMPLEMENTATION ACTION: EXECUTIVE

PRIORITY RATING: TOP

CATEGORY: INCREASING EXISTING SERVICES

Recommendation: Increasing the present 42% (867 hours per year) part-time inspector to a 58% (1214 hours) and increasing the number of 42% part-time inspectors.

Discussion: With the ever increasing amount of construction it is necessary that a sufficient personnel be maintained so that the objective of this agency may be assured.

2. PROGRAM: ADMINISTRATION

REQUIRED IMPLEMENTATION ACTION: EXECUTIVE

PRIORITY: 5 to 10

CATEGORY: IMPROVING COORDINATION WITH OTHER AGENCIES

Recommendation: Revise and formulate board rules pertaining to electrical apprentices.

Discussion: The State Apprenticeship Council registration and standards should be incorporated in to the electrical board rules for more uniformity.



PROJECT COSTS BY OBJECT OF EXPENDITURE AND SOURCE OF FUNDING

1969-1970 FISCAL YEAR

PROGRAM: ELECTRICIAN LICENSING AND REGULATIONS

OBJECT BY EXPENDITURE

Personal Services.....	\$ 65,209
Operations.....	26,988
Capital.....	-----
Grants & Benefits.....	<u>270</u>
Total Expended.....	\$ <u>92,467</u>

SOURCE OF FUNDING

Earmarked Revenue Fund	
Electrical Board Account.....	\$ <u>92,467</u>
Total Funding.....	\$ <u>92,467</u>



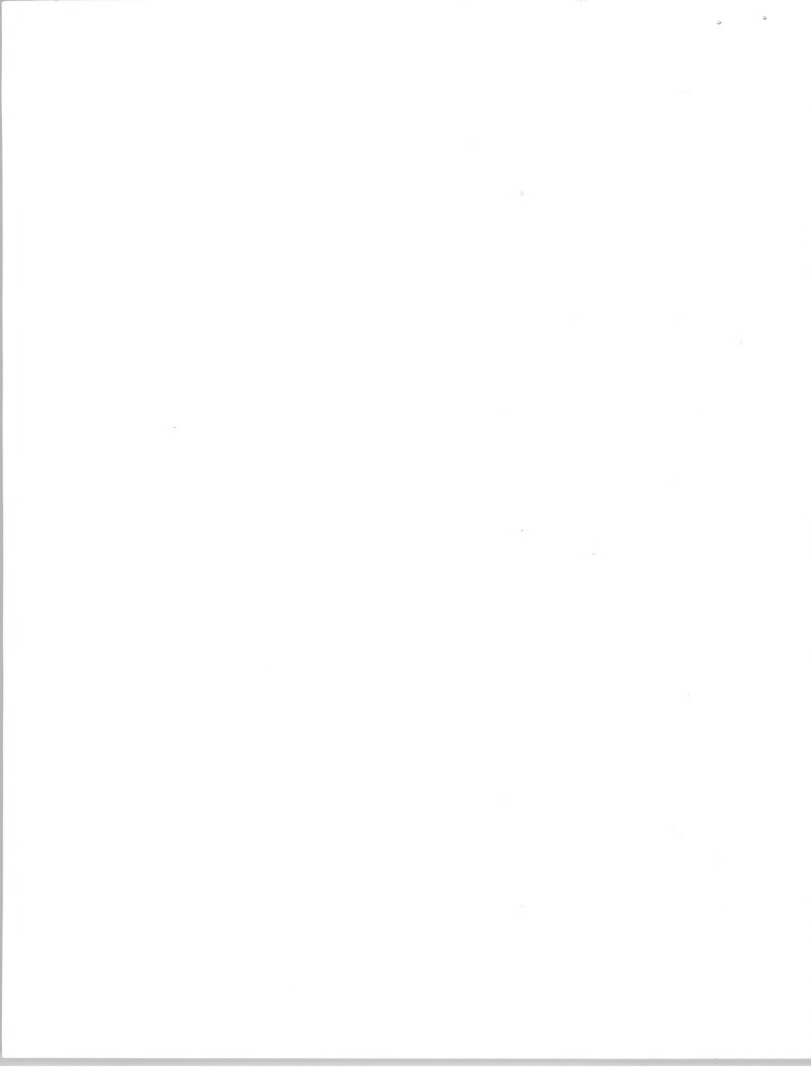
ANALYSIS OF PROGRAMS

ELECTRICIANS LICENSING AND REGULATION

Services Provided. Administration and Enforcement of the Electrical Safety Law, providing users and installers of electrical equipment with copies of National Electrical Code and Montana Standards; supplying information and interpretations as to the use and meaning of various articles contained in the code; inspect electrical installations for compliance with the safety standards of the code; examine and license qualified applicants for license.

Objectives. The objective of the program is to assure the public that all persons or firms making electrical installations for others in Montana are qualified by experience and examination and are properly licensed. That such electrical installations made, manufactured or shipped into Montana meet required safety standards and are essentially free of electrical hazards.

To acquire such objectives it will be necessary that a long range program be initiated, such as: establishing a procedure whereby all persons making electrical installations for others are registered with the board, reappraise the electrical standards for uniformity between municipalities and neighboring states so that materials or housing manufactured in such locales may be acceptable and meet the safety standards, re-examine the statute for clarification in areas of licensing, inspection and enforcement, and revamp and extend the inspection procedure to more thoroughly cover all portions of the state. Anticipated growth in the area of inspection will necessitate an increase in the number of inspectors in order for the board to attain maximum efficiency.

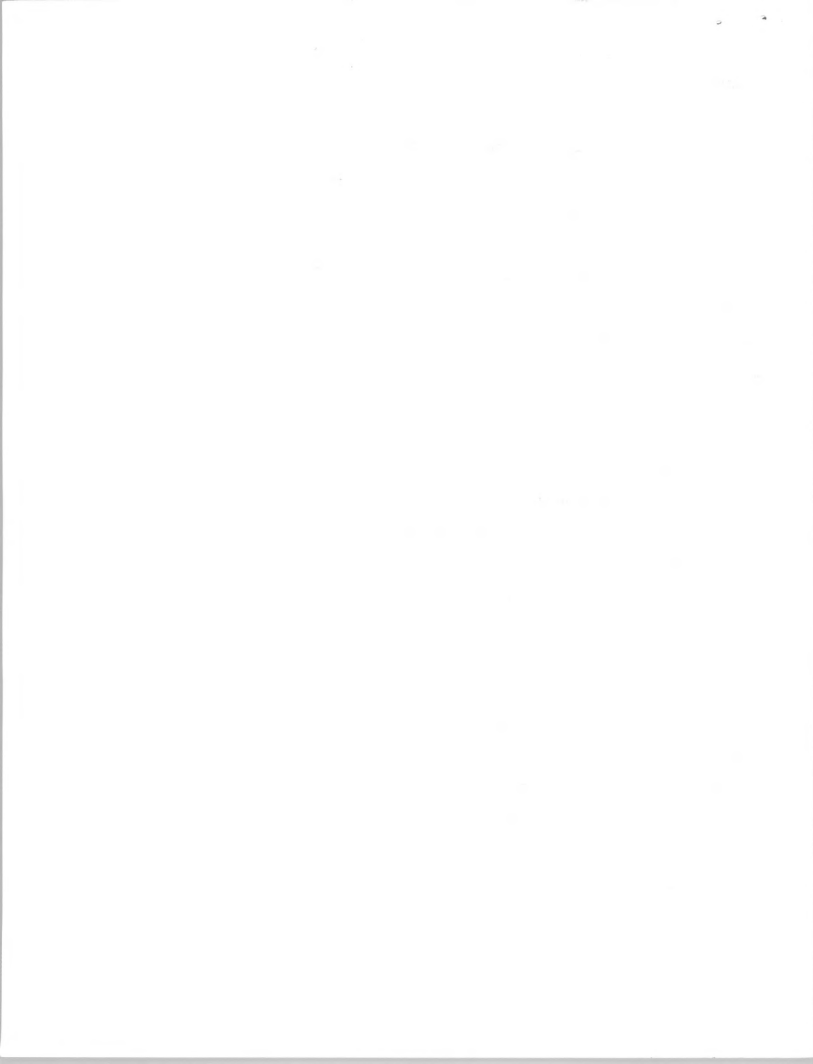


ANALYSIS OF PROGRAM
(Continued)

Target Groups. Fundamentally, the people of Montana are the beneficiaries of the program, as its purpose is to protect the health and safety of the people from the danger of electrically caused shocks, fires and explosions and to protect property from the hazard of electrically caused fires and explosions. Specific target groups at which the program is directed are those persons who undertake electrical installations for others or engage in or work at the business, trade or calling of electrical contractor, master electrician, or journeyman electrician and those owners doing their own work on property owned by them.

Achievements. During the 1969-1970 Fiscal year the number of electrical inspections was increased by approximately 4%. High construction costs and interest rates made 1969-1970 a poor construction year, this increase in the number of inspections can be attributed to the increased inspections services provided and the overall efforts of the program.

Stricter enforcement of the licensing provisions and the electrical code has had the desirous effect of controlling unqualified persons from making electrical installations, and of eliminating many faulty wiring practices. Potential electrical hazards observed during an inspection can be corrected before they become hazards. This enforcement has also resulted in a general upgrading of electrical installations made in Montana.



ANALYSIS OF PROGRAM
(Continued)

Cost and Performance Summary.

Fiscal Years

	Historic 1968--1969	Current 1969-1970	Projected 1970-1971
Cost.....	\$ 89,297	\$ 92,467	\$104,904
Performance			
Licenses	1,655	1,639	1,719
Inspections	5,561	5,789	6,077

